

Db 61 MPTQIGPSLLPIIMWQLYPDGRYSSDSFMRVLVHIKIDGVEDMLLELPDD 113

RESULT 2
PCT-US95-13663-2
Sequence 2, Application PC/TUS9513663
GENERAL INFORMATION:
APPLICANT: Russo et al
TITLE OF INVENTION: TCL-1 Gene and Protein and Related
TITLE OF INVENTION: Methods and Compositions
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/13663
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6754-027
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 790-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 113 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US95-13663-2

Query Match 100.0%; Score 612; DB 5; Length 113;
Best Local Similarity 100.0%; Pred. No. 1.1e-70;
Matches 113; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AECPTLGEAVTDHPDRILMAWEKFVYLDKQHAMLPITIEIKDRLQLRLVLLRREDVVLGRP 60
Db 1 AECPTLGEAVTDHPDRILMAWEKFVYLDKQHAMLPITIEIKDRLQLRLVLLRREDVVLGRP 60

Qy 61 MPTQIGPSLLPIIMWQLYPDGRYSSDSFMRVLVHIKIDGVEDMLLELPDD 113
Db 61 MPTQIGPSLLPIIMWQLYPDGRYSSDSFMRVLVHIKIDGVEDMLLELPDD 113

RESULT 3
US-08-330-272-4
Sequence 4, Application US/08330272
Patent No. 5985598
GENERAL INFORMATION:
APPLICANT: Russo et al
TITLE OF INVENTION: TCL-1 Gene and Protein and Related
TITLE OF INVENTION: Methods and Compositions
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/330,272
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6754-027
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 790-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 108 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-330-272-4

Query Match 36.1%; Score 221; DB 2; Length 108;
Best Local Similarity 40.2%; Pred. No. 1.6e-20;
Matches 43; Conservative 23; Mismatches 39; Indels 2; Gaps 1;

Qy 7 GEAVTDHPDRILMAWEKFVYLDKQHAMLPITIEIKDRLQLRLVLLRREDVVLGRPPTQI 66
Db 3 GEDVGAEPDHLVHQGIYRDEYQRTWAVAVEETSFFLRARV--QOIQVPLDAARPSHL 60

Qy 67 GSESLPIIMWQLYPDGRYSSDSFMRVLVHIKIDGVEDMLLELPDD 113
Db 61 LTSQPLPMWQLYPDGRYSSDSFMRVLVHIKIDGVEDMLLELPDD 107

RESULT 4
PCT-US95-13663-4
Sequence 4, Application PC/TUS9513663
GENERAL INFORMATION:
APPLICANT: Russo et al
TITLE OF INVENTION: TCL-1 Gene and Protein and Related
TITLE OF INVENTION: Methods and Compositions
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/13663
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6754-027
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 790-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:

```

; LENGTH: 108 amino aci
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; PCT-US95-13663-4

```

Query Match	36.1%	Score 221	DB 5	Length 108
Best Local Similarity	40.2%	Pred. No. 1.6e-20		
Matches 43	Conservative 23	Mismatches 39	Indels 2	Gaps 1

Dy 7 GEAVDHPDRWAMEKFYVLDGEQAWLPTLETIKRDLQLRVLRREDVDVGRRPMFTQI 666

Dd 3 GEDVGARPDHLVNHQEGIRYDEYQRTWAVEEETSTFLRAR--QQIQVPGLDAAPSHL 600

QY 67 GSLLPIMWQLYPDGRYRSSDDSPKRLVYHIKIDGVEMLLELPDD 113
|:::|||||:::|:::|:::|:::|
Dd 61 LTSQLPLMWQLYPEERYMDNNSRLWGIQHLMVRSVGVELLKLPPDD 107

RESULT 5
US-09-949-016-8126

: APPLICANT: KENNER, J. Craig et al.
 : TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
 : TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 : FILE REFERENCE: CL001307
 : CURRENT APPLICATION NUMBER: US/09/949, 016

```

?
?
? CURRENT APPLICATION NUMBER: US/09/949,016
?
? CURRENT FILING DATE: 2000-04-14
?
? PRIOR APPLICATION NUMBER: 60/241,755
?
? PRIOR FILING DATE: 2000-10-20
?
? PRIOR APPLICATION NUMBER: 60/237,768
?
? PRIOR FILING DATE: 2000-10-03
?
? PRIOR APPLICATION NUMBER: 60/231,498
?
? PRIOR FILING DATE: 2000-09-08
?
? NUMBER OF SEQ ID NOS: 207012
?
? SOFTWARE: FASTSEQ for Windows Version 4.0
?
? SEQ ID NO 8126
?
? LENGTH: 114
?

```

ORGANISM: Human
US-09-949-016-8126

Query Match	36.1%	Score 221	DB 4:	Length 114
Best Local Similarity	40.2%	Pred. No. 1.7e-20		
Matches 43	Conservative 23	Mismatches 39	Indels 2	Gaps 1

QY 7 GEALVDHPDRWLAMEKVVYLDEQOHAMLEPLTIELKDRLOQLRVLLAREDDVLTGRPMPTQI 666
|||:::||:::||::|||:::
Db 10 GEDVGA^{RP}DHLVNHQEGYRDEYQRTWAVVEETSFLRRRV--QQIQVPLGDARPSHL 677

```
QY      67  GPSSLLPIMWQLYPDGRYRSSDSSFFKRLVYHIKIDGVEDMLLELLPDD 113
      |||::|||::||::||::||::||::||::||::||::||::||::||
Db      68  LTSQLPLMWQLYPEERYMDNNSRLWGIQHILMVRGVGLLKLPLPD 114
```

```

RESULT 6
US-09-949-016-6563
; Sequence 6563, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CLO01307
; CURRENT APPLICATION NUMBER: US/09/949, 016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03

```

```

; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: PatSeq for Windows Version 4.0
; SEQ ID NO 6563
; LENGTH: 128

```

ORGANISM: Human
US-09-949-016-6563

Query Match 24.3%; Score 149; DB 4; Length 128;
Best Local Similarity 29.2%; Pred. No. 34e-11;
Matches 33; Conservative 21; Mismatches 45; Indels 14; Gaps 1

```

QY      ||| :||: |:: |          :||: |
14 PDLNAMEKFVYLDERQHAWLELTIEIKRLQ-----LRVLIRREDVTLGR 55
Db      ||| :||: |:: |          :||: |
13 PGRLIQRPGIYDEEGRTWTVVVRFPNSRREWARASGGSRYEBSITVHLQMAYHTR 72

```

```
QY      60 PMFTQIGPSELLPIIMQLYPDGRKYSSDSSFWRVLYHIKIDGEDVMLELLRPD 112
       :: | : |||::||| : ||| : | : | : 
Db     73 LLSGGMPFSGLPAWQLYPGRKYRAADSSFWEIADHGQIDSMGEVLVTYQRE 125
```

US-09-543-681A-6148
; Sequence 6148, Application US/09543681A

APPLICANT: GARY BRETON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS

```

1 FILE REFERENCE: 2709.1002-001
2 CURRENT APPLICATION NUMBER: US/09/543,681A
3 CURRENT FILING DATE: 2000-04-05
4 PRIOR APPLICATION NUMBER: US 60/128,706
5 PRIOR FILING DATE: 1999-04-09
6 NUMBER OF SEQ ID NOS: 8344
7 SEQ ID NO 6148
8
9 LENGTH: 639
10 TYPE: PRT
11
12 ORGANISM: Proteus mirabilis
13 US-09-543-681A-6148

```

Query Match	15.04
-------------	-------

Matches	26;	Conservative	13;	Mismatches	24;	Indels	15;	Gaps	4;
Qy	16	RLNAMEKVVYLDE----	KÖHAWLPLTI----	EIKDRILQRLVILRRDEVLGAPMTPTQ	65				

Db 455 KTWAME--TALDQRESEQSLPIRIGDPAGEVR--LVDVLLREITVEFPLWTLIP 503

QY 66 IGPSSLPIIMQLYPPDGRY 83

Db 510 SNKALPILWQLFPDPNY 527

```

RESULT 8
US-09-489-039A-9256
Sequence 9256, Application US/09489039A
Patent No. 6610836
GENERAL INFORMATION:
APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 9256
LENGTH: 621
TYPE: PRT

```

ORGANISM: Klebsiella pneumoniae
US-09-489-039A-9256

Query Match 13.6%; Score 83; DB 4; Length 621;
Best Local Similarity 27.0%; Pred. No. 0.083;
Matches 20; Conservative 22; Mismatches 26; Indels 6; Gaps 3;

QY 16 RLWAMEKFV----YLDEKQAMLP-LTIEIKDRLQLRLRREDVVLGRPM-TPTQIGPS 69
DB 440 KTWAMEFALIQVREVSAAEYAAVPIRTGHPONEVRLIDVLRBEVLVEPLMTVTPGKA 499

QY 70 LRPIMQLYPDGRY 83
DB 500 ILPVMLSLFPHHRY 513

RESULT 9
US-09-549-848B-39
Sequence 39, Application US/09549848B
Patent No. 6541259

GENERAL INFORMATION:
APPLICANT: Lasner, Michael
APPLICANT: Post-Beltemiller, Dusty
APPLICANT: Savidge, Beth
APPLICANT: Weiss, James
TITLE OF INVENTION: Nucleic Acid Sequences Involved in
FILE REFERENCE: 17133/02/US
CURRENT APPLICATION NUMBER: US/09/549,848B
FILE REFERENCE: 17133/02/US
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/129,899
PRIOR FILING DATE: 1999-04-15
PRIOR APPLICATION NUMBER: 60/146,461
PRIOR FILING DATE: 1999-07-30
NUMBER OF SEQ ID NOS: 94
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 39
LENGTH: 363
TYPE: PRT
ORGANISM: Synechocystis sp
US-09-549-848B-39

Query Match 12.1%; Score 74; DB 4; Length 363;
Best Local Similarity 25.0%; Pred. No. 0.58;
Matches 26; Conservative 15; Mismatches 31; Indels 32; Gaps 6;
QY 14 PDRWAMEKFVYLDEKQAMLP-LTIEIKDRLQLRLRREDVVLGRPMPTT----- 64
DB 211 PSR-WFVLQANYFPD--HPGLSVTAAGGER-----IVGRPEVALIGLHHQGN 256
QY 65 --QIGPSLPIPMQOLYPDGRY--RSSDSFMRVLVYHIKIDGVED 104
DB 257 FYEFGPHGTIVQVAPGRWQOLKASNDRYM-----VKLSGKTD 295

RESULT 10
US-09-248-796A-16742
Sequence 16742, Application US/09248796A
Patent No. 6747137
GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 16742
LENGTH: 239

TYPE: PRT
ORGANISM: Candida albicans
FEATURE:
NAME/KEY: UNSURE
LOCATION: (234)
OTHER INFORMATION: Identity of amino acid sequences at the above locations are unknown
US-09-248-796A-16742

Query Match 11.4%; Score 70; DB 4; Length 239;
Best Local Similarity 21.5%; Pred. No. 1.1;
Matches 23; Conservative 19; Mismatches 35; Indels 30; Gaps 3;

QY 6 IGEAVTDHPDLWAMEKFVYLDEKQAMLP-LTIEIKDRLQLRLRREDVVLGRPMPTQ 65
DB 13 MSSTTQTPVTLMAQSSSE--DDAANKIITLTIGIDPIDLKIDKSDHLIDS----- 64

QY 66 IGPSSLPIPMQOLYPDGRYSSDSFMRVLVYHIKIDGVEDMLLELDD 112
DB 65 -----KSNDSVSGSIDYHLQI---DFEKKIDPD 89

RESULT 11
US-09-248-796A-18084
Sequence 18084, Application US/09248796A
Patent No. 6747137

GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 18084
LENGTH: 399
TYPE: PRT
ORGANISM: Candida albicans
US-09-248-796A-18084

Query Match 11.2%; Score 68.5; DB 4; Length 399;
Best Local Similarity 23.8%; Pred. No. 3.3;
Matches 30; Conservative 23; Mismatches 44; Indels 29; Gaps 5;
QY 10 VTDPDLWAMEKFVYLDEKQAMLP-LTIEIKDRLQLRLRREDVVLG---RPMPTQ 65
DB 29 VTDNAD-----LIFLRDAYDVILIPKLVAVIDRLSKFALEYKDLPLGWTHTFOPAQLTT 81

QY 66 IGPS-----LPIPMQOLYPDGRYSSDSFMRVLVYHIKIDGVEDML 107
DB 82 VGRATLWLQELLMDLRNMVRARNDIGRGVKGTTGTQASFLSLFHGDHKEVELDKRVV 141
QY 108 ELPPDD 113
DB 142 ELUGFD 147

RESULT 12
US-08-438-439C-19
Sequence 19, Application US/08438439C
Patent No. 5875967
GENERAL INFORMATION:
APPLICANT: Nathans, Jeremy
APPLICANT: Smallwood, Phillip M.
APPLICANT: Macke, Jennifer P.
TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR HOMOLOGOUS
TITLE OF INVENTION: FACTOR-2 AND METHODS OF USE
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.

STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,439C
FILING DATE: May 12, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/046001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 206 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-438-439C-19
Query Match 10.9%; Score 67; DB 2; Length 206;
Best Local Similarity 24.1%; Pred. No. 2.1;
Matches 26; Conservative 6; Mismatches 30; Indels 46; Gaps 4;
QY 18 WAWKFFVLDKQKHAMLPETIEIKRLQRLVLRREDVVGKPMPTPGIGSLLPIW-- 75
45 WWSLVAL--SLAMLPVAAPKE-----AAVQSGAGDYLLGIKWLW 84
QY 76 -----QLYPDGRYSSSDSPFWRLVYHKKIDGVEMLELIP 111
DB 85 WLYCNGVIGFHLQALPDGMIGAHADTW-----DSLLELSP 120
RESULT 13
US-08-484-905-113
Sequence 113, Application US/08484905
Patent No. 5976551
GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Kourileky, Philippe
TITLE OF INVENTION: An Altered Major Histocompatibility
TITLE OF INVENTION: Complex(MHC) Determinant and Methods for Using the
NUMBER OF SEQUENCES: 127
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESS: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,905
FILING DATE: 07-JUNE-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/801,818

FILING DATE: 05-DEC-1991
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/792,473
FILING DATE: 15-NOV-1991
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Potter, Jane B. R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 03495.0106-03000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4400
TELEFAX: 202-408-4000
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 256 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-484-905-113
Query Match 10.8%; Score 66; DB 2; Length 256;
Best Local Similarity 22.2%; Pred. No. 3.8;
Matches 32; Conservative 24; Mismatches 30; Indels 58; Gaps 8;
QY 23 FVYLDKQKHAMLPETIEIK-----DRQLRVLRRED----- 54
DB 60 YVDLDKKEVWMLPFPQKLRFPFQGLQNIATSKNHLITTKNSNSTPATNEAPQATVF 119
QY 55 -----VVLGRPMT-----PTOIGPSLLPIW-----QLYPDGRYSS-----DSSFWRLL----- 93
DB 120 PKSVLLGQNTLLCFPDNIFPPVINTTWLRNSKSVTDGYETSFFVNRDYSFKLGLYL 179
QY 94 -----VTHIKID--GVEMLELIP 108
DB 180 FIPSDDDIYDCKVEHMGLEPVLK 203
RESULT 14
US-08-481-985B-113
Sequence 113, Application US/08481985B
Patent No. 6011146
GENERAL INFORMATION:
APPLICANT: Mottez, Estelle
APPLICANT: Abastado, Jean-Pierre
APPLICANT: Kourileky, Philippe
TITLE OF INVENTION: Altered Major Histocompatibility Complex
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 148
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESS: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481,985B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/801,818
FILING DATE: 05-DEC-1991
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/792,473
FILING DATE: 15-NOV-1991
CLASSIFICATION: 435

```

: ATTORNEY/AGENT INFORMATION:
:
: NAME: Meyers, Kenneth J.
: REGISTRATION NUMBER: 25,146
: REFERENCE/DOCKET NUMBER: 03495.0106-04000
: TELECOMMUNICATION INFORMATION:
:
: TELEPHONE: 202-408-4000
:
: TELEFAX: 202-408-4400
:
: INFORMATION FOR SEQ ID NO: 113:
:
: SEQUENCE CHARACTERISTICS:
:
: LENGTH: 256 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
:
: MOLECULE TYPE: peptide
:
: US-08-481-985B-113

```

Query Match	10.8%	Score 66	DB 3	Length 256
Best Local Similarity	22.2%	Pred	NO. 3.8	
Matches 32	Conservative 24	Mismatches 30	Indels 58	Gaps 8

[illegible]

RESULT 15
US-08-370-476-113

APPLICANT:	Motter, Estelle
APPLICANT:	Abastedo, Jean-Pierre
APPLICANT:	Kourilsky, Philippe
APPLICANT:	Lone, Yu-Chun
APPLICANT:	Ojcius, David
APPLICANT:	Casrouge, Armand
TITLE OF INVENTION:	Altered Major Histocompatibility Complex
TITLE OF INVENTION:	

? CLASSIFICATION: 435
 ? PRIOR APPLICATION DATA:
 ? APPLICATION NUMBER: US 06/117,575
 ? FILING DATE: 07-SEP-1993
 ? APPLICATION NUMBER: US 08/072,787
 ? FILING DATE: 06-JUN-1993
 ? PRIOR APPLICATION DATA:
 ? APPLICATION NUMBER: US 07/801,818
 ? FILING DATE: 05-DEC-1991
 ? PRIOR APPLICATION DATA:
 ? APPLICATION NUMBER: US 07/792,473
 ? FILING DATE: 15-NOV-1991

```

: ATTORNEY/AGENT INFORMATION:
: NAME: Meyers, Kenneth J.
: REGISTRATION NUMBER: 25,146
: REFERENCE/DOCKET NUMBER: 05243.0001-01000
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 202-408-4000
: TELEFAX: 202-408-4400
: INFORMATION FOR SEQ ID NO: 113:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 256 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
:
US-08-370-476-113

```

Query Match	10.8%	Score 66	DB 3	length 256;
Best Local Similarity	22.2%	Pred. No. 3	8	
Matches 32; Conservative	24	Mismatches	30	Indels 58; Gaps 8;

QY 23 FVYLDEKQAM--LPTTIIEK-----DRLOFVLRLRED-----54
 :|::||::|::|::|:
 Db 60 YVDLDKEKVEVMVLPEFAOLRRPPOGGLONLATGKHNLIELTKRSNSTPATNEAPQATVF 119
 QY 55 -----VILGRPMT-----PQIGSLLPIWM-----OLYPGRYRS-----DSGFARL-----93
 :|::||::|::|::|:
 Db 120 KPSVLLGGSPNLLICFVDNIIPPVPVINTWLANSKSVYDGYETISFPVNROVISFHKSXYLT 179
 QY 94 -----VTHIKID--GVEDMLLE 108
 :|::||::|::|::|:
 Db 180 FLIPSDDDIYDKCEVHEMVGLEEPVLK 203

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Search completed: February 10, 2005, 05:09:56
Job time : 172 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 10, 2005, 02:44:14 ; Search time 250 Seconds
(without alignments)
8665.721 Million cell updates/sec

Title: US-09-441-242A-1

Perfect score: 1324

Sequence: 1 cttgagagggctctgcctctc.....catggaaaaaaaaaaaaaa 1324

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents NA: *
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2: /cgn2_6/ptodata/1/lna/5B_COMB.seq: *
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5: /cgn2_6/ptodata/1/lna/6C_COMB.seq: *
6: /cgn2_6/ptodata/1/lna/backfile1.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed.
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1324	100.0	1324	2	US-08-330-272-1
2	1324	100.0	1324	5	PCT-US95-13663-1
3	1297.4	98.0	1315	4	US-09-949-016-2088
4	1280	96.7	1368	4	US-09-620-312D-871
5	902.4	68.2	8150	4	US-09-949-016-13830
6	819.8	61.9	4922	2	US-08-330-272-5
7	819.8	61.9	4922	5	PCT-US95-13663-5
8	167.8	12.7	601	4	US-09-949-016-70602
9	65	4.9	560	2	US-08-330-272-3
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15	50.6	3.8	1128	4	US-09-949-016-1087
16	50.6	3.8	10190	4	US-09-949-016-13829
17	50.6	3.8	10193	4	US-09-949-016-12434
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21	41.8	3.2	4403765	3	US-09-103-840A-2
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23	39	2.9	651	4	US-09-270-767-25324
24	39	2.9	1199	4	US-09-270-767-10001
25	37.4	2.8	126176	4	US-09-949-016-16137
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27	37.2	2.8	289	3	US-09-007-005-17

C	28	37.2	2.8	289	3	US-09-244-796-17	Sequence 17, Appl
	29	37	2.8	832	4	US-09-774-639-57	Sequence 57, Appl
	30	36.8	2.8	291	4	US-09-902-540-9076	Sequence 9076, Ap
C	31	36.8	2.8	7052	4	US-09-526-193A-22	Sequence 22, Appl
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C	33	36.4	2.7	42157	4	US-08-311-731A-126	Sequence 126, Appl
	34	36.2	2.7	460	4	US-09-976-594-13	Sequence 13, Appl
	35	36	2.7	19025	4	US-09-849-534-3	Sequence 3, Appl
	36	36	2.7	19025	4	US-10-274-878-3	Sequence 3, Appl
	37	36	2.7	19025	4	US-10-697-266-3	Sequence 3, Appl
C	38	35.8	2.7	762	4	US-09-252-991A-13061	Sequence 13061, A
	39	35.8	2.7	879	4	US-09-252-991A-12575	Sequence 12575, A
	40	35.8	2.7	885	4	US-09-252-991A-12721	Sequence 12721, A
C	41	35.8	2.7	2145	4	US-09-252-991A-13235	Sequence 13235, A
	42	35.6	2.7	96202	4	US-09-949-016-16433	Sequence 16433, A
C	43	35.4	2.7	25431	4	US-09-949-016-13234	Sequence 13234, A
	44	35.4	2.7	32881	4	US-09-949-016-16048	Sequence 16048, A
	45	35.2	2.7	3575	4	US-09-023-655-1395	Sequence 1395, Ap

ALIGNMENTS

RESULT 1
US-08-330-272-1
Sequence 1, Application US/08330272
Patent No. 5985598
GENERAL INFORMATION:
APPLICANT: Russo et al
TITLE OF INVENTION: TCL-1 Gene and Protein and Related
TITLE OF INVENTION: Methods and Compositions
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESS: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/330,272
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Mierock, S. Leslie
REGISTRATION NUMBER: 18,972
REFERENCE/DOCKET NUMBER: 6754-027
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 790-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1324 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 49..387
US-08-330-272-1
Query Match 100.0%; Score 1324; DB 2; Length 1324;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1324; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db	1	CTTGAGAGGCTCGCTCTGCTTCTTAAAGCGGCCCGAGGACCGCATGCGCAGTGC	60
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Db	121	TATTTAGACGAGAAGACGACCGCTGGCTGCCCTTAAACATCGAGATTAAGATTAG	180
Qy	181	CAGTTACGGGTGCTCTTGGCGTCGGGAAGACGTGCTCTGGGAGAGGCTTAGACCC	240
Db	181	CAGTTACGGGTGCTCTTGGCGTCGGGAAGACGTGCTCTGGGAGAGGCTTAGACCC	240
Qy	241	CAGATGAGCCCAAGCCTGCTGCTATCATGTGGACCTTACCCTGATGACGATACGA	300
Db	241	CAGATGAGCCCAAGCCTGCTGCTATCATGTGGACCTTACCCTGATGACGATACGA	300
Qy	301	TGCTCAGACTCCAGTTTCTGGCGCTTAGTATCAATCAAGTTAGCGCGTGGAGAC	360
Db	301	TGCTCAGACTCCAGTTTCTGGCGCTTAGTATCAATCAAGTTAGCGCGTGGAGAC	360
Qy	361	ATGCTCTCGAGCTGCTGCGCAATGACTGATGATGATCTTGGCAGACCTGTCTCT	420
Db	361	ATGCTCTCGAGCTGCTGCGCAATGACTGATGATGATCTTGGCAGACCTGTCTCT	420
Qy	421	CACCCAGGGGCTGAGCCTGGCCAGCCTTAAATGGGATGTGTGTTTCTGTTCACCT	480
Db	421	CACCCAGGGGCTGAGCCTGGCCAGCCTTAAATGGGATGTGTGTTTCTGTTCACCT	480
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Db	601	TACCACTCTGCGCAAGAGGATTCATTTGGACAGACTTCTTCAGGTGCCAGGATAT	660
Qy	661	CTGTGCTCGGCTTTTCTCAGCTGATGATGATCTTCAAGCCTCTTCTGTCTGTG	720
Db	661	CTGTGCTCGGCTTTTCTCAGCTGATGATGATCTTCAAGCCTCTTCTGTCTGTG	720
Qy	721	CCTCAGACGACTAGATATTCATGTTGACACCCACACGCTGCCGGAACCTGTGAGA	780
Db	721	CCTCAGACGACTAGATATTCATGTTGACACCCACACGCTGCCGGAACCTGTGAGA	780
Qy	781	CAGCCGATTCCTTGAAGACACTCTGAAACCTTGACACAGTGTCTCACATGTGTCT	840
Db	781	CAGCCGATTCCTTGAAGACACTCTGAAACCTTGACACAGTGTCTCACATGTGTCT	840
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Db	841	CGCTCGATGTAAACAAGCTGCAAAAGCTGTGCTGCCGATAACAAGCTGCAACG	900
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Db	901	CGTGGCGGTAAACAAGCGCTGCAAAAGCGCTGCCGATAACAAGCTGCAACGCTG	960
Qy	961	GAAAGGCTGAAAGAGGCTTATCTGTCTCAGAGACTCAGAAGGCTCTGGGTCAGT	1020
Db	961	GAAAGGCTGAAAGAGGCTTATCTGTCTCAGAGACTCAGAAGGCTCTGGGTCAGT	1020
Qy	1021	CCAATCTCCGGGACGACAGAGGCTCAGGCGGAGACCTGTGATGAGCGCTCAGAA	1080
Db	1021	CCAATCTCCGGGACGACAGAGGCTCAGGCGGAGACCTGTGATGAGCGCTCAGAA	1080
Qy	1081	CCCTTGGCTTCCACGTTGAAAGGATTAAGGTTGGGTTTCCCTTTATATAGTGT	1140

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Db      1081 CCCTTGCGCTTGCCACGTCGTGAAAAGGATAGAGGTGGGTTTCCCCCTTTAATAGATGT 1140
QY      1141 CACGCACTCGGAGTGTACAAAGTGTATGTGGCATGATACCTTTTGTATGATTTGA 1200
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QY      1201 AATGCAAGATAGTTTATCTAACTTCGTGGCGCAATCAGCTTCATCCTTGA 1260
Db      1201 AATGCAAGATAGTTTATCTAACTTCGTGGCGCAATCAGCTTCATCCTTGA 1260
QY      1261 GGTGGAGAGAGTATGAGTAATGTGGCGAGCCCGCAATATAAAAATATTCATGAAAAA 1320
Db      1261 GGTGGAGAGAGTATGAGTAATGTGGCGAGCCCGCAATATAAAAATATTCATGAAAAA 1320
QY      1321 AAAA 1324
Db      1321 AAAA 1324

RESULT 2
PCT-US95-13663-1
; Sequence 1, Application PC/TUS9513663
; GENERAL INFORMATION:
; APPLICANT: Russo et al
; TITLE OF INVENTION: TcL-1 Gene and Protein and Related
; TITLE OF INVENTION: Methods and Compositions
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/13663
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6754-027
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 790-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1324 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 49..387
; PCT-US95-13663-1

Query Match      100.0%; Score 1324; DB 5; Length 1324;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1324; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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US-09-949-016-2088
; Sequence 2088, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: C1001307
; CURRENT FILING DATE: 2000-04-14
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ. ID NOS: 207012
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ. ID NO 2088
; LENGTH: 1315
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-2088
Query Match 98.0%; Score 1297.4; DB 4; Length 1315;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1309; Conservative 0; Mismatches 1; Indels 1; Gaps 1;
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Db 1 CTTGAGAGGCTCTGCTGCTTCTTGAAGCGGCGCCAGAGACGCGAGTGCCTG 60
Qy 61 AACTCGGGAGGAGTCACCGACCCGGACCGCTGTGGGCTGTGGAGAAATTGTCGTG 120
Db 61 AACTCGGGAGGAGTCACCGACCCGGACCGCTGTGGGCTGTGGAGAAATTGTCGTG 120
Qy 121 TATTGGACGAGAAAGACAGCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180
Db 121 TATTGGACGAGAAAGACAGCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180
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Db 301 TCTTCAGACTCGAGTTTCTGGCGCTTATGTACCAATCAAGATGAGGCGGTGAGAGAC 360
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Qy 421 CACCCGAGGAGCTGAGCTGCGCAGCTTACATGAGGAGTGTGTGTTCTGTTCACCTTC 480

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Db 421 CACCCAGGGGCTGAGCCTGCGCAGGCTCAATGGGGAATGTTGTCTTCTGTTACCTTC 480
QY 481 GTTACTATGCTGTGTCTTCTTCCACACAGCTGGGGTCTGGGAGAAATGACAGACAG 540
Db 481 GTTACTATGCTGTGTCTTCTTCCACACAGCTGGGGTCTGGGAGAAATGACAGACAG 540
QY 541 GATGAGCTTACCCAGGGGCTGACAGACCTGCTGAGCCCACTGCGCTGCGCTTAAGAC 600
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Db 601 TACCACTCTGCGCAAGAGAAATTCATTTGAGAGAGCTTCTTCCAGGTGCCAGCTATAC 660
QY 661 CTGTGCTGCGCTTCTTCTCAAGTGAATGATGATGATGATGATGATGATGATGATGATG 720
Db 661 CTGTGCTGCGCTTCTTCTCAAGTGAATGATGATGATGATGATGATGATGATGATGATG 720
QY 721 CCTCAGACAGCTAGATTTTCAATGTTGACACCCCACTGAGCTCCGTGAACCTTGAGACA 780
Db 721 CCTCAGACAGCTAGATTTTCAATGTTGACACCCCACTGAGCTCCGTGAACCTTGAGACA 780
QY 781 CAGCCGATTCACCTGAGACAGACCTCTGAAACCTGGAACAGTGTCTCACATGGTGCTA 840
Db 781 CAGCCGATTCACCTGAGACAGACCTCTGAAACCTGGAACAGTGTCTCACATGGTGCTA 840
QY 841 CGCCTGCAATGTAACCGCTGCAACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 900
Db 841 CGCCTGCAATGTAACCGCTGCAACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 900
QY 901 CCTGCGCGTAAACACGCTGCAACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 960
Db 901 CCTGCGCGTAAACACGCTGCAACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 960
QY 961 GAAAGGCTGAAAGAGAGAGCTTATGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1020
Db 961 GAAAGGCTGAAAGAGAGAGCTTATGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1020
QY 1021 CCACATCCCGGGAAGCAGACAGAGGCGCAGCGCGGAGCCCTGAGATGAGCCCTCAGAA 1080
Db 1021 CCACATCCCGGGAAGCAGACAGAGGCGCAGCGCGGAGCCCTGAGATGAGCCCTCAGAA 1080
QY 1081 CCTTGGCTTCCCACTGAGAAAGAGATAGAGTGGGTTCCCTTATATGATG 1139
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Db 1261 TGGTGAAGAGAGTGAATGAGAGGCCCCCAATTAATTAATTCATGGA 1311
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RESULT 4

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US-09-620-312D-871
Sequence 871, Application US/09620312D
Patent No. 6569662
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GENERAL INFORMATION:

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APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyan
APPLICANT: Chen, Rui-hong
APPLICANT: Zhao, Qing A.
APPLICANT: Weinman, Tom
APPLICANT: Xue, Aidong J.
```

```
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Jian-Rui
APPLICANT: Zhou, Ping
APPLICANT: Ma, Yundong
APPLICANT: Wang, Dunwei
APPLICANT: Wang, Zhiwei
APPLICANT: John Tillinghast
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP28
CURRENT APPLICATION NUMBER: US/09/620,312D
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1105
SOFTWARE: PL_FL_genes Version 1.0
SEQ ID NO 871
LENGTH: 1368
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (103)..(447)
US-09-620-312D-871
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Query Match 96.7%; Score 1280; DB 4; Length 1368;

Best Local Similarity 99.8%; Pred. No. 0;

Matches 1302; Conservative 0; Mismatches 0; Indels 2; Gaps 2;

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Db 125 GGGAGGAGTACCCGACCCGACCCGACCCGACCCGACCCGACCCGACCCGACCCGACCC 184
QY 128 ACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 187
Db 185 ACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 244
QY 188 GGGTGTCTTGGTGGGAAAGAGTGTCTGAGGAGAGAGAGAGAGAGAGAGAGAGAGAG 247
Db 245 GGGTGTCTTGGTGGGAAAGAGTGTCTGAGGAGAGAGAGAGAGAGAGAGAGAGAGAG 304
QY 248 GGCAGAGCTGAGCTATCATGTGAGAGCTACCTGATGAGAGATGAGATGAGATGAGAT 307
Db 305 GGCAGAGCTGAGCTATCATGTGAGAGCTACCTGATGAGAGATGAGATGAGATGAGAT 364
QY 308 ACTCCAGTTCTGAGCTTATGATGACATCAATCAATCAATCAATCAATCAATCAATCAAT 367
Db 365 ACTCCAGTTCTGAGCTTATGATGACATCAATCAATCAATCAATCAATCAATCAATCAAT 424
QY 368 TCGAGTGTGCGCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 427
Db 425 TCGAGTGTGCGCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 484
QY 428 GGGAGCTGAGCTGAGCAGCTACAAATGAGAGATGATGATGATGATGATGATGATGATG 487
Db 485 GGGAGCTGAGCTGAGCAGCTACAAATGAGAGATGATGATGATGATGATGATGATGATG 544
QY 488 ATGCTGTGTCTTCTCAACAGCTGGGCTGAGAGAGATGAGAGAGAGAGAGAGAGAGAG 547
Db 545 ATGCTGTGTCTTCTCAACAGCTGGGCTGAGAGAGATGAGAGAGAGAGAGAGAGAGAG 604
QY 548 TTATCCCAAGGCTGAGAGAGCTGCTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 607
Db 605 TTATCCCAAGGCTGAGAGAGCTGCTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 664
QY 608 CTTGCAAGAGAGATTCATTTGGAGAGCTTCTTCA-GGTGCCAGCTATACCTGTGC 666
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|||||
Db 665 CCGCAAGAGGATTCATTTGGCAGAGCTTCTTCCAGGGGCGCCAGTATACCTGTGC 724
Qy 667 CTCGGCTTTTCTACGTGATATGTCTTCAAGCCTCTTTCTGTCCCTTCTGTCCCTAC 726
Db 725 CTCGGCTTTTCTACGTGATATGTCTTCAAGCCTCTTTCTGTCCCTTCTGTCCCTAC 784
Qy 727 AGCAGTATATTCATGTTGACACCCACTGAGCTCCGGAACTTGTGAAACACAGCCG 786
Db 785 AGCAGTATATTCATGTTGACACCCACTGAGCTCCGGAACTTGTGAAACACAGCCG 844
Qy 787 ATTCACTGAGAGAGACCTCTGAAACCTTGACCAAGTGTCTCAGATGTTGACGCTG 846
Db 845 ATTCACTGAGAGAGACCTCTGAAACCTTGACCAAGTGTCTCAGATGTTGACGCTG 904
Qy 847 CATGTAACAGCCCTGCAACAGCTGCTGCGGTAAACAGCCTTGCAACCGTCCCTGC 906
Db 905 CATGTAACAGCCCTGCAACAGCTGCTGCGGTAAACAGCCTTGCAACCGTCCCTGC 964
Qy 907 CGTAAACAGCCCTGCAACAGCTGCTGCGGTAAACAGCCTTGCAACCGTCCCTGC 966
Db 965 CGTAAACAGCCCTGCAACAGCTGCTGCGGTAAACAGCCTTGCAACCGTCCCTGC 1024
Qy 967 CCGTAAAGAGCCCTTATCTGTCTCAGGACTCAGAAAGCTCTGGGTGAGTGCACAT 1026
Db 1025 CCGTAAAGAGCCCTTATCTGTCTCAGGACTCAGAAAGCTCTGGGTGAGTGCACAT 1084
Qy 1027 CCGGAGAGCAGCAGAGAGCCAGCCGCGGAGCCCTGTGATGAGCCCTCAGAACCTTG 1086
Db 1085 CCGGAGAGCAGCAGAGAGCCAGCCGCGGAGCCCTGTGATGAGCCCTCAGAACCTTG 1144
Qy 1087 GCTGCGCAGCGTGAAGAGGATAGAGTGGGTTTCCCCC-TTATAGATGTCAGGC 1145
Db 1145 GCTGCGCAGCGTGAAGAGGATAGAGTGGGTTTCCCCC-TTATAGATGTCAGGC 1204
Qy 1146 ACCTGGGTGTAAACAAGTGTATGTGCAATGATCTTTTGTATGATGTTAAATGC 1205
Db 1205 ACCTGGGTGTAAACAAGTGTATGTGCAATGATCTTTTGTATGATGTTAAATGC 1264
Qy 1206 AAGATAGTTTATCTAATCTTGTGCGCAATCAGCTTCTAATCTTGAATTCGTGTCG 1265
Db 1265 AAGATAGTTTATCTAATCTTGTGCGCAATCAGCTTCTAATCTTGAATTCGTGTCG 1324
Qy 1266 AGAGAAGTGAAGATGAGCAGCCCAATTAATAATTTTCATGG 1309
Db 1325 AGAGAAGTGAAGATGAGCAGCCCAATTAATAATTTTCATGG 1368

RESULT 5
US-09-949-016-13830
; Sequence 13830, Application US/09949016
; Patent No. 6812319
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CLO01307
; CURRENT APPLICATION NUMBER: US/09/949,016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/231,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13830
; LENGTH: 8150
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-13830

Query Match 68.2%; Score 902.4; DB 4; Length 8150;
Best Local Similarity 99.8%; Pred. No. 1.4e-283;
Matches 914; Conservative 0; Mismatches 1; Indels 1; Gaps 1;
Qy 396 GATCTTGGCAGACACCTGTCTCTTTCACCCAGGAGCCTGAGCCTGGCAGCTCAATG 455
Db 5230 GATCTTGGCAGACACCTGTCTCTTTCACCCAGGAGCCTGAGCCTGGCAGCTCAATG 5289
Qy 456 GATGTTGTGTTTCTGTTACCTTGTCTTACTAATGCTGTGTCTTCTCACACGCTGG 515
Db 5290 GATGTTGTGTTTCTGTTACCTTGTCTTACTAATGCTGTGTCTTCTCACACGCTGG 5349
Qy 516 GCTGGAGGAATGAGCAGACAGAGATGAGCTCTACCCAGGAGCCTGAGAGCCTGCTG 575
Db 5350 GCTGGAGGAATGAGCAGACAGAGATGAGCTCTACCCAGGAGCCTGAGAGCCTGCTG 5409
Qy 576 TAGCCACTGTGCTGCGCTTGAACAATACCTCTGCGCAAGAGATTCATTTGGCAGA 635
Db 5410 TAGCCACTGTGCTGCGCTTGAACAATACCTCTGCGCAAGAGATTCATTTGGCAGA 5469
Qy 636 GCTTCTTCAGAGTCCAGACTATACCTGTGCTGCTGCTTTTCTCAGCTGATGATGCT 695
Db 5470 GCTTCTTCAGAGTCCAGACTATACCTGTGCTGCTGCTTTTCTCAGCTGATGATGCT 5529
Qy 696 TCAGCTCTTCTGTCCTTCTGTCCTCAAGACATGATTTATGTTGACACCCAC 755
Db 5530 TCAGCTCTTCTGTCCTTCTGTCCTCAAGACATGATTTATGTTGACACCCAC 5589
Qy 756 TCAGCTCTGTAACCTTGTAGAACACAGCCGATTCACCTGAGCAGACCTTGAACCCCT 815
Db 5590 TCAGCTCTGTAACCTTGTGTGTCCTCAAGACATGATTTATGTTGACACCCAC 5649
Qy 816 GAGCAAGTGTCTCAATGTTGTCTACCGCTGATGTAACAGCCTTGCAACGCTGCTG 875
Db 5650 GAGCAAGTGTCTCAATGTTGTCTACCGCTGATGTAACAGCCTTGCAACGCTGCTG 5709
Qy 876 CCGGTAAACAGCCGTGCAACAGCCGCTGCGGTAAACAGCCGTGCAACAGCCGTGCTG 935
Db 5710 CCGGTAAACAGCCGTGCAACAGCCGCTGCGGTAAACAGCCGTGCAACAGCCGTGCTG 5769
Qy 936 CACACAGTTTCACTGAGCTCAAGAAAGCCTGAAAGAGCCTTATCTGTCTCAGG 995
Db 5770 CACACAGTTTCACTGAGCTCAAGAAAGCCTGAAAGAGCCTTATCTGTCTCAGG 5829
Qy 996 ACTAGAAAGCTTGTGGGTCAAGTGTCCATCCCGGAGCAGCAGAGAGCCAGGCCGC 1055
Db 5830 ACTAGAAAGCTTGTGGGTCAAGTGTCCATCCCGGAGCAGCAGAGAGCCAGGCCGC 5889
Qy 1056 GAGCCCTGTGATAGCCCTCAGAACCTTGGCTTGGCCACGTTGAAAGAGGATGAGGT 1115
Db 5890 GAGCCCTGTGATAGCCCTCAGAACCTTGGCTTGGCCACGTTGAAAGAGGATGAGGT 5949
Qy 1116 TGGGTTTCCCCC-TTATAGATGATGACGACCTGGGTGTTTAAAGATTGTATGTCGA 1174
Db 5950 TGGGTTTCCCCC-TTATAGATGATGACGACCTGGGTGTTTAAAGATTGTATGTCGA 6009
Qy 1175 TGAATACCTTTTGTATGATGATTAATAGCAGATAGTTTATCTAATCTTGTGCGCAAT 1234
Db 6010 TGAATACCTTTTGTATGATGATTAATAGCAGATAGTTTATCTAATCTTGTGCGCAAT 6069
Qy 1235 CAGCTTCTATCTTGAATGATTCGTGTGAGAGAGTGAAGATGAGGAGGAGGAGGAGGAG 1294
Db 6070 CAGCTTCTATCTTGAATGATTCGTGTGAGAGAGTGAAGATGAGGAGGAGGAGGAGGAG 6129
Qy 1295 AAAAAATATTCATGGA 1310
Db 6130 AAAAAATATTCATGGA 6145

RESULT 6
US-08-330-272-5
; Sequence 5, Application US/08330272
; Patent No. 5985598

PCT-US95-13663-5

Query Match 61.9%; Score 819.8; DB 5; Length 4922;
 Best Local Similarity 92.8%; Pred. No. 1.1e-256;
 Matches 854; Conservative 28; Mismatches 34; Indels 4; Gaps 4;

QY 396 GGTCTTGGCAGACACCTGTCTCTTTCACCCAGGGCCTGAGCCTGGCAGCCTCAATG 455
 DB 3726 GGTCTTGGYACACCTGTCTCTTTCACCCAGGGCCTGAGCCTGGCAGCCTCAATG 3785
 QY 456 GGATGTTGTCTTCTGTTCACTTCTGTTACTATGCTGTGTCTTCTCACCAGCTGG 515
 DB 3786 GGATGTTGTCTTCTGTTCACTTCTGTTACTATGCTGTGTCTTCTCACCAGCTGG 3845
 QY 516 GTCTGGGAGGATGAGACAGACAGAGAGATGAGCTTACCCAGGGCCTGAGAGACTG -CCT 574
 DB 3846 GTCTGGGAGGATGAGACAGACAGAGAGATGAGCTTACCCAGGGCCTGAGAGACTGCTT 3905
 QY 575 GTAGCCCACTGTGCTGCTTACGCA -CTACCACTCTCTCCAGAGAGATTCTCATTTGGCA 633
 DB 3906 GTAGMCCACTGTGCTGCTTACGCACTCACTCCTCAGAGAGATTCTCATTTGGCA 3965
 QY 634 GAGCTTCTTCAAGTCCAGCTTACCTGTGCTTCTGCTTCTTCTCAGCTGATGATGT 693
 DB 3966 GAGCTTCTTNNAGGTGNNAAANANCTGTGCGTGGCTTTCTCAGCTGATGATGT 4025
 QY 694 CTTCAGCTCTTCTGCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCT 753
 DB 4026 CTTNAGCTCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTT 4085
 QY 754 ACTGAGCTCCGTGAACCTGTGAGAACACAGCCGATTCTCAGAGAGAGCTCTGAAAC 813
 DB 4086 ACTGAGCTCCGTGAACCTGTGAGAACACAGCCGATTCTCAGAGAGAGCTCTGAAAC 4145
 QY 814 CTGACCAAGTGTCTCACATGCTGTACGCTGTGATGAAACAGCCTGCAACGCTGCC 873
 DB 4146 CTGACCAAGTGTCTCACATGCTGTACGCTGTGATGAAACAGCCTGCAACGCTGCC 4205
 QY 874 TGCCGGTAAACAGCCTGTGAAC -GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 932
 DB 4206 TGCCGGTAAACAGCCTGTGAACAGSTGMSWRCCGTTAAACAGCCTGTGAACGCTGCT 4265
 QY 933 GCCCAGCAGGTTACGCTGAGCTCAAGGAAAGGCTGAAAGGACCTTATCTGTGCTC 992
 DB 4266 GCCCAGCAGGTTACGCTGAGCTCAAGGAAAGGCTGAAAGGACCTTATCTGTGCTC 4325
 QY 993 AGGACTAGAAAGCTGTGGGTCAATGCTCAATCCCGGAGCGCAGCAGAGGCGCAGGCC 1052
 DB 4326 AGGACTAGAAAGCTGTGGGTCAATGCTCAATCCCGGAGCGCAGGAGAGGCGCAGGCC 4385
 QY 1053 GGGAGCCCTGTGATGAGCCTTCAAAACCTTGGCTTGGCCACGTGAGAAAGGATGA 1112
 DB 4386 GGGAGCCCTGTGATGAGCCTTCAAAACCTTGGCTTGGCCACGTGAGAAAGGATGA 4445
 QY 1113 GGTGGGGTTCCTCCCTC -TTTATAGTGTGTCAGCACCCTGGGTGTTACAAAGTTATGTG 1171
 DB 4446 GGTGGGGTTCCTCCCTCCTTTTAAAGTGTGTCAGCACCCTGGGTGTTACAAAGTTATGTG 4505
 QY 1172 GCATGAATCTTTTGTATGATGATTAATTAATGAAGATAGTTATCTTAATCTGTGCTC 1231
 DB 4506 GCATGAATCTTTTGTATGATGATTAATTAATGAAGATAGTTATCTTAATCTGTGCTC 4565
 QY 1232 AATCAGCTTCTATCTTGAATTAATTTGTGTGAGAGAGATGAGATGAGCAGCCCCA 1291
 DB 4566 AATCAGCTTCTATCTTGTGATTAATTTGTGTGAGAGAGATGAGATGAGCAGCCCCA 4625
 QY 1292 AATTAATAATATTCATGAA 1311
 DB 4626 NATTAANATATTCANAGGA 4645

RESULT 8
 US-09-949-016-70602/c

; Sequence 70602, Application US/09949016
 ; Patent No. 6812339
 ; GENERAL INFORMATION:
 ; APPLICANT: VENTNER, J. Craig et al.
 ; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
 ; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
 ; FILE REFERENCE: CLO01307
 ; CURRENT APPLICATION NUMBER: US/09/949,016
 ; PRIORITY FILING DATE: 2000-04-14
 ; PRIOR APPLICATION NUMBER: 60/241,755
 ; PRIOR FILING DATE: 2000-10-20
 ; PRIOR APPLICATION NUMBER: 60/237,768
 ; PRIOR FILING DATE: 2000-10-03
 ; PRIOR APPLICATION NUMBER: 60/231,498
 ; PRIOR FILING DATE: 2000-09-08
 ; NUMBER OF SEQ ID NOS: 207012
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 70602
 ; LENGTH: 601
 ; TYPE: DNA
 ; ORGANISM: Human
 ; US-09-949-016-70602

Query Match 12.7%; Score 167.8; DB 4; Length 601;
 Best Local Similarity 98.8%; Pred. No. 5.1e-44;
 Matches 169; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CTGAGAGAGCTCTGCTCTTCTTCTTGAAGCGGCGCCAGAGACGCCATGCGCAGTGGCCG 60
 DB 507 CTGAGAGAGCTCTGCTCTTCTTCTTGAAGCGGCGCCAGAGACGCCATGCGCAGTGGCCG 448
 QY 61 AACTGGGGAGGAGGACCGACCGACCGGAGCGGCTGTGGGCTGGGAGAGTGGTG 120
 DB 447 AACTGGGGAGGAGGACCGACCGACCGGAGCGGCTGTGGGCTGGGAGAGTGGTG 388
 QY 121 TATTGGACGAGAGCAGCAGCCTGCTGCTGCTTAAACATCGATGAATGAAG 171
 DB 387 TATTGGACGAGAGCAGCAGCCTGCTGCTGCTTAAACATCGATGAATGAAG 337

RESULT 9
 US-08-330-272-3
 ; Sequence 3, Application US/08330272
 ; Patent No. 5985598
 ; GENERAL INFORMATION:
 ; APPLICANT: Russo et al.
 ; TITLE OF INVENTION: TCL-1 Gene and Protein and Related
 ; NUMBER OF SEQUENCES: 11
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pennie & Edmonds
 ; STREET: 1155 Avenue of the Americas
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 10036
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/330,272
 ; FILING DATE:
 ; CLASSIFICATION: 530
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Mierock, S. Leslie
 ; REGISTRATION NUMBER: 18,872
 ; REFERENCE/DOCKET NUMBER: 6754-027
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (212) 790-9090
 ; TELEFAX: (212) 790-8864/9741
 ; TELEX: 66141 PENNIE

```
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 560 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA
US-08-330-272-3

Query Match
Best Local Similarity 100.0%; Score 65; DB 2; Length 560;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTGAGAGGCTCTGCTCTTCTTAAGCGCGCCGAGGACCGCCATGCGCGAGTGCCCG 60
    |||||
DB 496 CTTGAGAGGCTCTGCTCTTCTTAAGCGCGCCGAGGACCGCCATGCGCGAGTGCCCG 555
    |||||
QY 61 AACT 65
    |||||
DB 556 AACT 560

RESULT 10
PCT-US95-13663-3
; Sequence 3, Application PC/TUS9513663
; GENERAL INFORMATION:
;   APPLICANT: Russo et al
;   TITLE OF INVENTION: TCL-1 Gene and Protein and Related
;   TITLE OF INVENTION: Methods and Compositions
;   NUMBER OF SEQUENCES: 11
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Pennie & Edmonds
;   STREET: 1155 Avenue of the Americas
;   CITY: New York
;   STATE: New York
;   COUNTRY: U.S.A.
;   ZIP: 10036
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: Patent Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: PCT/US95/13663
;   FILING DATE:
;   CLASSIFICATION:
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Misrock, S. Leslie
;   REGISTRATION NUMBER: 18,872
;   REFERENCE/DOCKET NUMBER: 6754-027
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (212) 790-8864/9741
;   TELEFAX: (212) 790-9090
;   TELEX: 66141 PENNIE
;   INFORMATION FOR SEQ ID NO: 3:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 560 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA
PCT-US95-13663-3

Query Match
Best Local Similarity 100.0%; Score 65; DB 5; Length 560;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTGAGAGGCTCTGCTCTTCTTAAGCGCGCCGAGGACCGCCATGCGCGAGTGCCCG 60
    |||||
DB 496 CTTGAGAGGCTCTGCTCTTCTTAAGCGCGCCGAGGACCGCCATGCGCGAGTGCCCG 555
    |||||
QY 61 AACT 65
    |||||
```

```
DB 556 AACT 560

RESULT 11
US-09-949-016-692
; Sequence 692, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
;   APPLICANT: VENTER, J. Craig et al.
;   TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
;   TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
;   FILE REFERENCE: CL001307
;   CURRENT APPLICATION NUMBER: US/09/949,016
;   CURRENT FILING DATE: 2000-04-14
;   PRIOR FILING DATE: 2000-10-20
;   PRIOR APPLICATION NUMBER: 60/241,755
;   PRIOR FILING DATE: 2000-10-03
;   PRIOR APPLICATION NUMBER: 60/237,768
;   PRIOR FILING DATE: 2000-09-08
;   PRIOR APPLICATION NUMBER: 60/231,498
;   NUMBER OF SEQ ID NOS: 207012
;   SOFTWARE: FastSeq for Windows Version 4.0
;   SEQ ID NO 692
;   LENGTH: 1152
;   TYPE: DNA
;   ORGANISM: Human
US-09-949-016-692

Query Match
Best Local Similarity 57.7%; Score 62.8; DB 4; Length 1152;
Matches 112; Conservative 0; Mismatches 82; Indels 0; Gaps 0;

QY 190 GTGCTTTGCGTGGGAGAAAGCTGCTCTGGGAGGCTTATGACCCCGAGATAGGC 249
    |||||
DB 208 GTGCACTGTGGAGATGACAGTACGACCGGAGCTACTCTCCGCGAGATGCC 267
    |||||
QY 250 CCAAGCTGCTGCTCATGATGAGCAGCTCTACCTGATGAGCATACCGATCTCAGAC 309
    |||||
DB 268 TTCTCCAGCTGCGCCCGCTGTGGAGCTTACCCCGGAGAGATGACGAGCGAGT 327
    |||||
QY 310 TCCAGTTTGGCGCTTAAGTGAACCATCAAGATTGACGGCGTGGAGAGCATGCTTTC 369
    |||||
DB 328 TCCAGTTTGGGAAATAGAGACCATGCGCAGATTGACTCTATGAGAGCTGTGCTTA 387
    |||||
QY 370 GAGCTGCTGCCAGA 383
    |||||
DB 388 ACATATCAAGCCGA 401

RESULT 12
US-09-949-016-2255
; Sequence 2255, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
;   APPLICANT: VENTER, J. Craig et al.
;   TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
;   TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
;   FILE REFERENCE: CL001307
;   CURRENT APPLICATION NUMBER: US/09/949,016
;   CURRENT FILING DATE: 2000-04-14
;   PRIOR FILING DATE: 2000-10-20
;   PRIOR APPLICATION NUMBER: 60/241,755
;   PRIOR FILING DATE: 2000-10-03
;   PRIOR APPLICATION NUMBER: 60/237,768
;   PRIOR FILING DATE: 2000-09-08
;   PRIOR APPLICATION NUMBER: 60/231,498
;   NUMBER OF SEQ ID NOS: 207012
;   SOFTWARE: FastSeq for Windows Version 4.0
;   SEQ ID NO 2255
;   LENGTH: 1847
;   TYPE: DNA
;   ORGANISM: Human
US-09-949-016-2255
```

Query Match 4.6%; Score 60.4; DB 4; Length 1847;
Best Local Similarity 51.5%; Pred. No. 1.6e-08;
Matches 167; Conservative 0; Mismatches 151; Indels 6; Gaps 1;

Qy 67 GGGAGGAGTACACCGACACCGGACCGCTGTGGGCTGGAGAAATTGTGATTTG 126
Db 625 GGAGAGGATGTGGGGGCTCCACCGGATACCTCTGGGTTTCAACAAGAGGATCTACCGC 684
Qy 127 GACGAGAAGCAGCAGCTGTGCTCCCTTAACATCGATGAATGAAGATAGTTACAGTTA 186
Db 685 GACCAATATCACGCGACCTGGGTG-----GCCGTGCGGAAGAGACAGATTTCTCTA 738
Qy 187 CGGGGCTCTTCCGTCGGGAAGAGTGTCTCGGGGAGGCGCTAAGACCCCAACCAAGATA 246
Db 739 AGGGACAGATTCAGCAAAATTCAGTTTCCCTTAAGTGACGAGCTAAGGCCAAGTCACTT 798
Qy 247 GGGCCAAAGCTGTGCTTATCATGTGGAGCTTACCTGTATGACATACCGATCTCTCA 306
Db 799 CTTACCTCCAGCTACCTCTCATGTGGCACTTACCGGAGAGCGCTACATGATGATAC 858
Qy 307 GACTCCAGTTTCTGGCGCTTATGTATCAACATCAAGATTGACGGCGTGGAGACATGCTT 366
Db 859 AACTCTGCTGTGGCAGATACAGCATATTAAATGTCAAGGGAGTACAGAGCTGTGTG 918
Qy 367 CTCGAGCTGCTGCCAGATGACTGA 390
Db 919 CTTAAGCTTTTCCCTGATGACTAA 942

RESULT 13

US-09-949-016-31387
; Sequence 31387, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CU001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31387
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-31387

Query Match 3.8%; Score 50.6; DB 4; Length 601;

Best Local Similarity 58.2%; Pred. No. 1.1e-05;
Matches 89; Conservative 0; Mismatches 64; Indels 0; Gaps 0;

Qy 190 GTGCTTTGCTCGGGAAGACGTGCTCTGGGAGAGCCTATGACCCCAACCATATAGGC 249
Db 61 GTGCACCTTGTGGCAGATGAGCATATCCGGAGACTACTCTCTCGGCAAGTCCGCC 120
Qy 250 CCAAGCTGTGCTTATCATGTGGAGCTTACCTGTATGACATACCGATCTCTCAGAC 309
Db 121 TTCTCCAGCTGCGCGCGGTGGCAGCTTACCCCGGAGGAAGTACCGAGCGGAT 180
Qy 310 TCCAGTTTCTGGCGCTTATGATACCATCAAG 342
Db 181 TCCAGTTTCTGGGAATATGACAGACCATGCGCAG 213

RESULT 14

US-09-949-016-70598
; Sequence 70598, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CU001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 70598
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-70598

Query Match 3.8%; Score 50.6; DB 4; Length 601;

Best Local Similarity 58.2%; Pred. No. 1.1e-05;
Matches 89; Conservative 0; Mismatches 64; Indels 0; Gaps 0;

Qy 190 GTGCTTTGCTCGGGAAGACGTGCTCTGGGAGAGCCTATGACCCCAACCATATAGGC 249
Db 61 GTGCACCTTGTGGCAGATGAGCATATCCGGAGACTACTCTCTCGGCAAGTCCGCC 120
Qy 250 CCAAGCTGTGCTTATCATGTGGAGCTTACCTGTATGACATACCGATCTCTCAGAC 309
Db 121 TTCTCCAGCTGCGCGCGGTGGCAGCTTACCCCGGAGGAAGTACCGAGCGGAT 180
Qy 310 TCCAGTTTCTGGCGCTTATGATACCATCAAG 342
Db 181 TCCAGTTTCTGGGAATATGACAGACCATGCGCAG 213

RESULT 15

US-09-949-016-2087
; Sequence 2087, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CU001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2087
; LENGTH: 1128
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-2087

Query Match 3.8%; Score 50.6; DB 4; Length 1128;

Best Local Similarity 58.2%; Pred. No. 1.8e-05;
Matches 89; Conservative 0; Mismatches 64; Indels 0; Gaps 0;

Qy 190 GTGCTTTGCTCGGGAAGACGTGCTCTGGGAGAGCCTATGACCCCAACCATATAGGC 249
Db 208 GTGCACCTTGTGGCAGATGAGCATATCCGGAGACTACTCTCTCGGCAAGTCCGCC 267

Qy 250 CCAAGCCTGCTGCTATCATGTGGAGCTTAACCTGATGACGATACCGATCTCAGAC 309
Db 268 TTCTCCCACTGCGCGCGTGTGGAGCTCTAACCCCGGAGGAGTAAGTACCGACACCGGAT 327
Qy 310 TCCAGTTTCTGGCGCTTAAGTGTACCAATCAAG 342
Db 328 TCCAGTTTCTGGGAAATAGCAGACCATGCGCAG 360

Search completed: February 10, 2005, 02:53:45
Job time : 254 secs